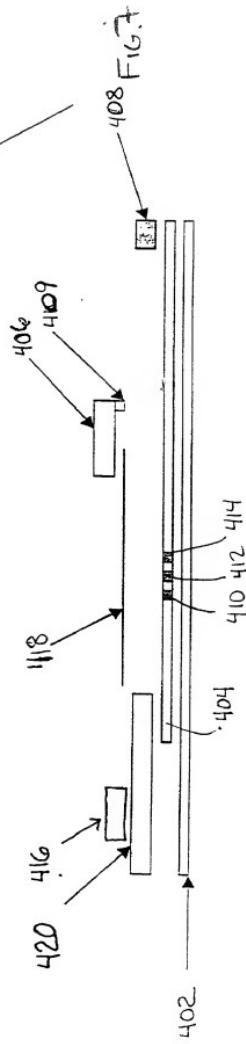
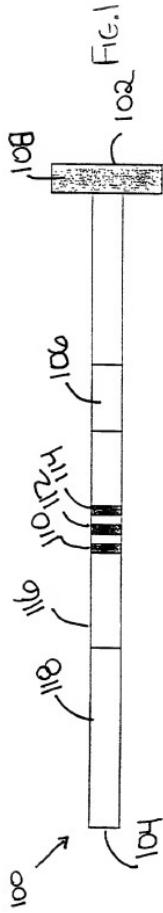


FIGURE 102. FIGURE 103.



Add buffer

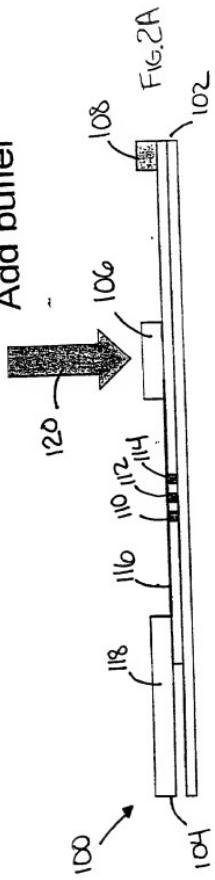


Fig. 2A

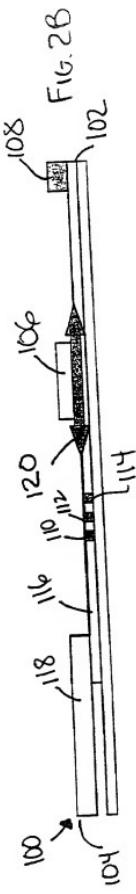


Fig. 2B

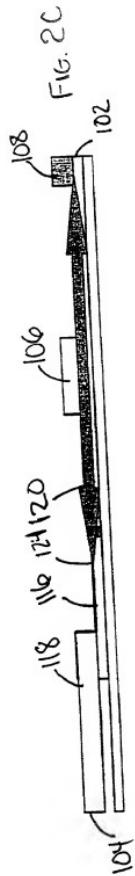


Fig. 2C

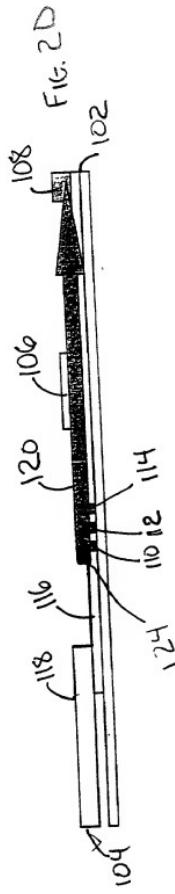
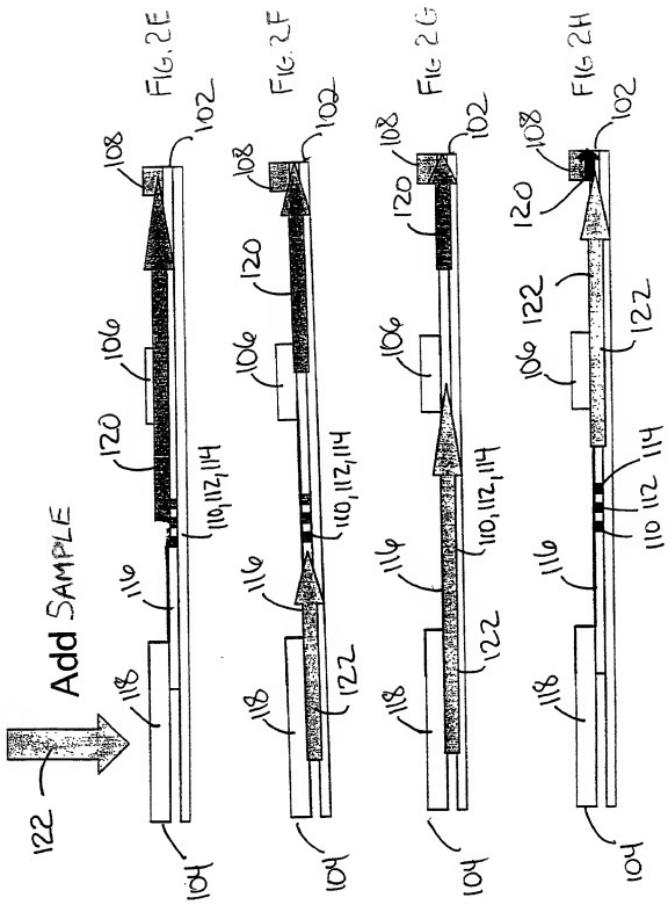
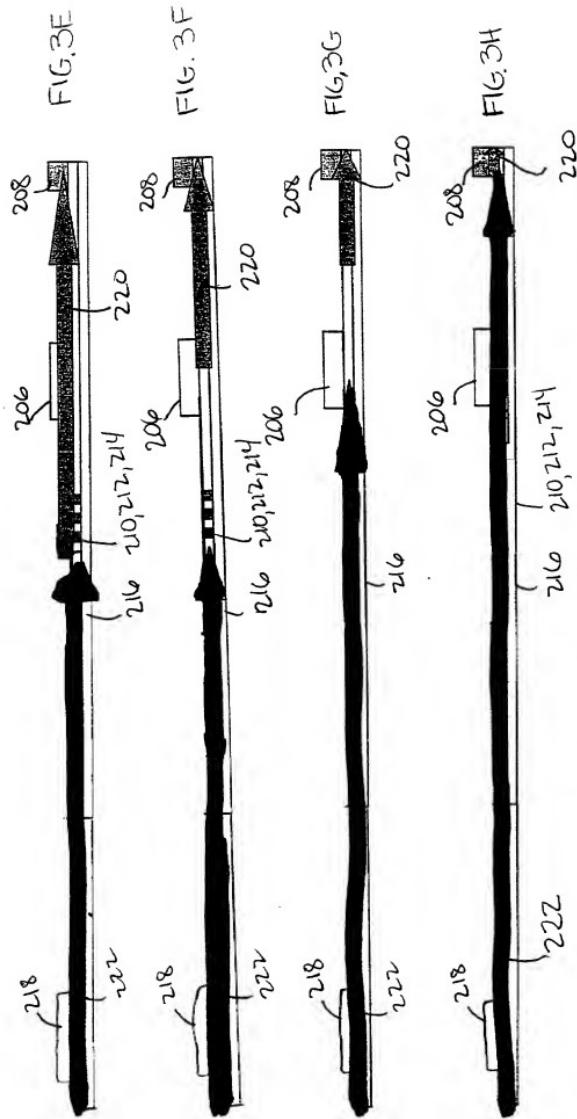


Fig. 2D

000000000000000000000000



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Fig. 4

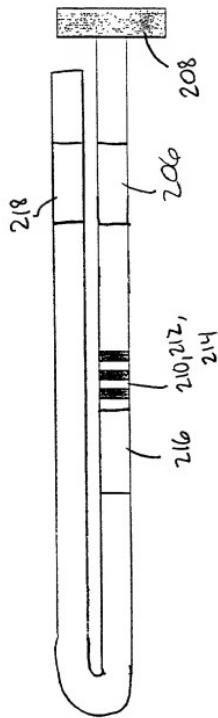
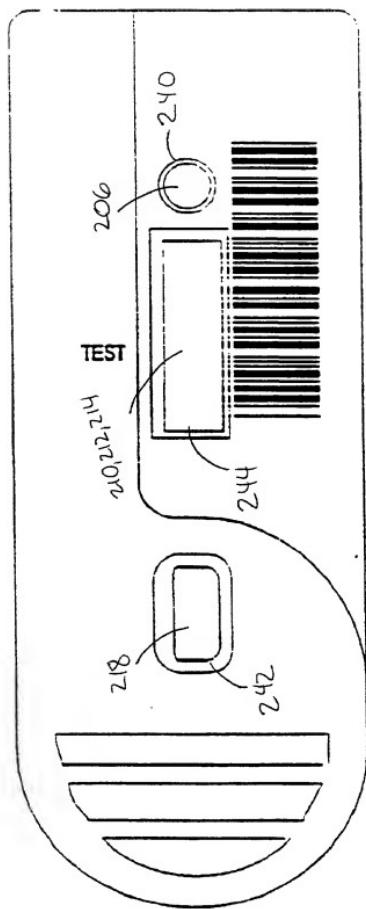
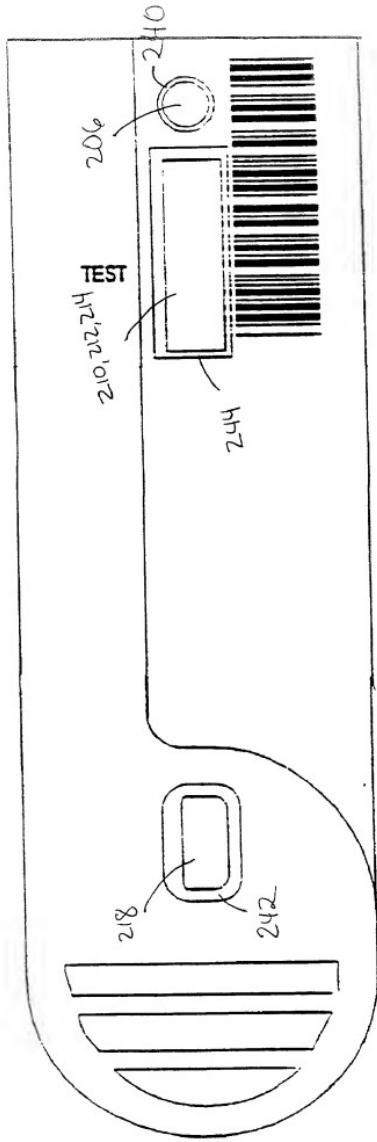


FIG. 5A



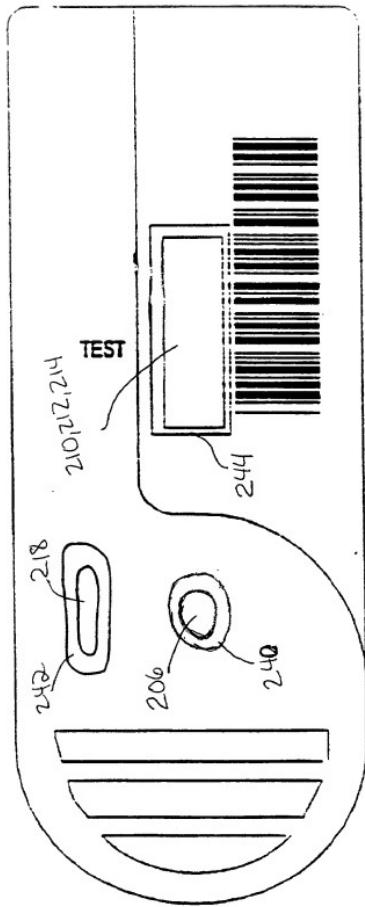
20000000000000000000000000000000

FIG. 5B



TESTS 2002000000

Fig. 5C



433333 333333

FIG. 6A

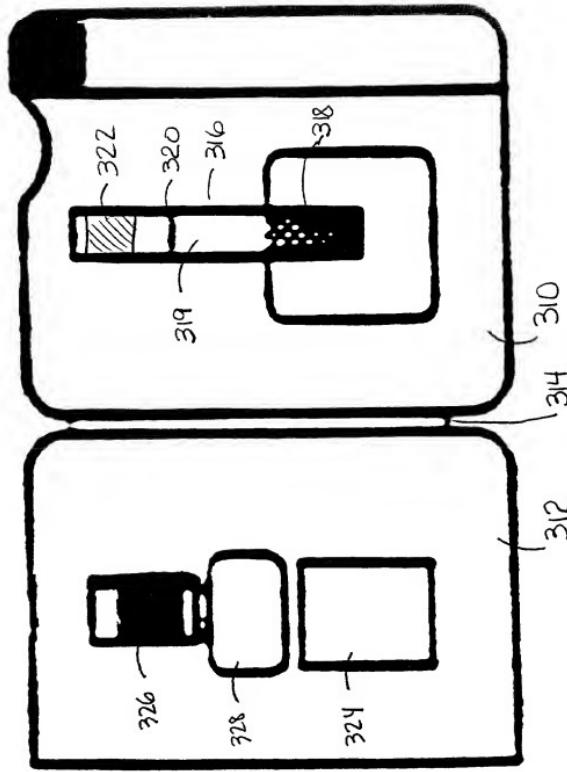
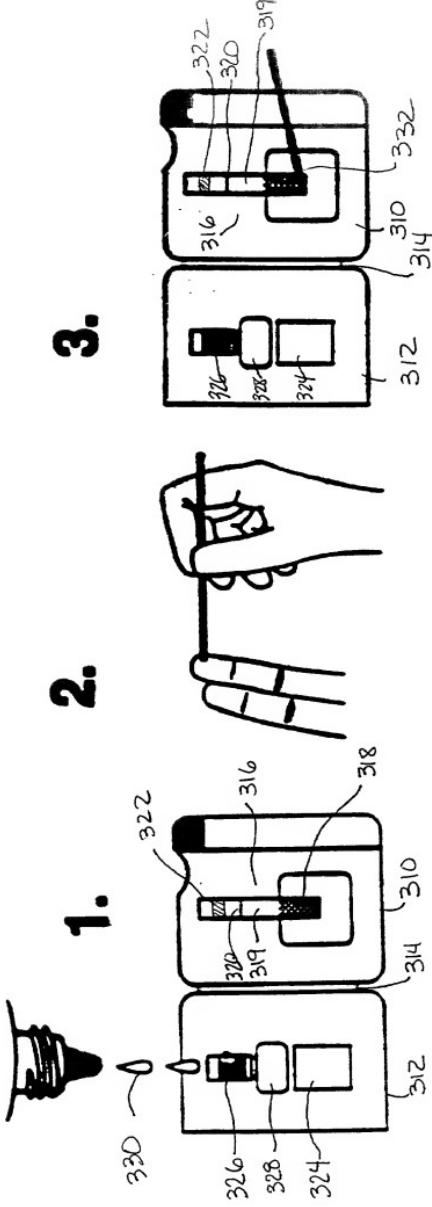


FIG. 6B



ReLIA™ TSH (Goat Capture)

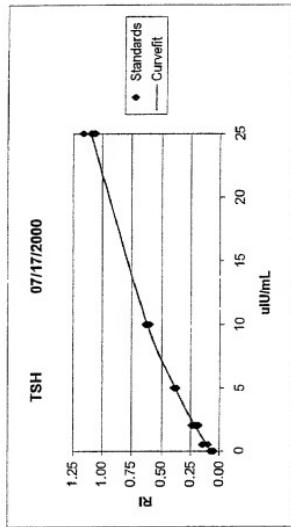
160 µg/ml BSA-DNP in Release Buffer

FIGURE 8

Sample	Sheet	Instrument	Hc (Dr)	Lc (Dr)	Specimen (Dr)	Hc/Lc	Specimen/HC	ulU/ml
4A	56R	104	0.3226	0.2308	0.2153	1.399	0.6667	9.21
4A	53R	120	0.3306	0.2571	0.2073	1.394	0.6270	8.48
4A	41R	110	0.3002	0.2594	0.2610	1.294	0.6656	9.26
4A	37R	163	0.3252	0.2569	0.2112	1.266	0.6496	8.89
4A	33R	115	0.2941	0.2414	0.1942	1.218	0.6605	9.08
4A	28R	107	0.3031	0.2080	0.1980	1.467	0.5532	8.95
4A	27R	146	0.3375	0.2200	0.1980	1.534	0.5867	7.74
4A	24R	111	0.3136	0.2235	0.2010	1.403	0.6410	8.72
4A	21R	104	0.2995	0.2119	0.2024	1.413	0.6755	9.37
4A	18R	120	0.3213	0.2291	0.1956	1.403	0.6097	8.18
4A	14R	110	0.2902	0.2105	0.1917	1.378	0.6607	9.10
4A	12R	163	0.3178	0.2833	0.2128	1.361	0.6699	9.27
4A	9R	115	0.3156	0.2243	0.2060	1.407	0.6494	8.88
4A	7R	107	0.3170	0.2213	0.2140	1.432	0.6751	9.37
4A	4R	146	0.3367	0.2326	0.2110	1.446	0.6265	8.46
4A	3R	111	0.3409	0.2426	0.2237	1.405	0.6662	9.01
Avg			0.3166	0.2289	0.2052	1.3856	0.6486	8.87
STD DEV			0.0158	0.0132	0.0089	0.0799	0.0250	0.46
%CV			5.0	5.7	4.3	5.8	3.9	5.2

TSH (RI = antigen Dr/HC Dr)
7/17/00

FIGURE 9



chi-squared 0.57
 Standards: 0 uIU/ml 0.5 uIU/ml 2 uIU/ml 5 uIU/ml 10 uIU/ml 25 uIU/ml
 Mean: 0.046 0.094 0.1801 0.3869 0.6198 1.0938
 SD: 0.049 0.0945 0.2365 0.3768 0.6262 1.0980
 CV: 0.058 0.0956 0.2146 0.3926 0.6301 1.0756
 K0 49.7910
 K1 0.9165
 K2 2.9872
 K3 0.0604

Standards: 0 uIU/ml 0.5 uIU/ml 2 uIU/ml 5 uIU/ml 10 uIU/ml 25 uIU/ml
 Mean: 0.058 0.109 0.207 0.383 0.620 1.097
 SD: 0.014 0.026 0.024 0.069 0.012 0.045
 CV: 24.62 23.67 11.67 2.35 1.96 4.14

Standards: 0 uIU/ml 0.5 uIU/ml 2 uIU/ml 5 uIU/ml 10 uIU/ml 25 uIU/ml
 Mean: 0.046 0.570 1.967 4.980 10.035 25.027
 SD: 0.092 0.342 0.372 0.170 0.291 1.966
 CV: 200.00 59.91 18.90 3.42 2.90 7.46

ReLIA™ PSA (Goat Capture)

1160 µg/ml BSA-DNP in Release Buffer

FIGURE 10

Sample	Sheet t	Instrument	Hc (D)	Lc (D)	Specimen (D)	HeiLc	Specimen/HC	ng/ml	
								Specimen	HeiLc
2A	HF 135-24	163	0.2438	0.2469	0.1206	0.987	0.4948	9.70	
2A	HF 135-23	165	0.2245	0.2252	0.0969	0.996	0.4318	8.20	
2A	HF 135-20	104	0.2883	0.2543	0.1352	1.134	0.4690	9.07	
2A	HF 135-21	120	0.2188	0.2165	0.0996	1.011	0.4553	8.75	
2A	HF 135-31	115	0.2448	0.2113	0.1123	1.159	0.4586	8.83	
2A	HF 135-30	107	0.2301	0.2283	0.1177	1.008	0.5117	10.11	
2A	HF 135-27	111	0.2149	0.1825	0.1094	1.177	0.5089	10.05	
2A	HF 135-26	146	0.2329	0.2206	0.1078	1.056	0.4629	8.93	
2A	HF 135-36	163	0.2907	0.2558	0.1342	1.136	0.4617	8.90	
2A	HF 135-35	66	0.3104	0.2988	0.1237	1.039	0.3884	7.45	
2A	HF 135-33	104	0.2467	0.2507	0.1133	0.984	0.4595	8.85	
2A	HF 135-34	120	0.2424	0.2270	0.1288	1.068	0.5313	10.62	
2A	HF 135-18	115	0.2555	0.2529	0.1150	1.002	0.4555	8.71	
2A	HF 135-37	107	0.2784	0.2633	0.1300	1.057	0.4672	9.02	
2A	HF 135-19	111	0.2702	0.2701	0.1158	1.000	0.4288	8.14	
2A	HF 135-29	146	0.2624	0.2314	0.1185	1.134	0.4515	8.66	
AVG						1.0583	0.4653	9.00	
STD DEV						0.0673	0.0334	0.80	
%CV						11.5	9.5	7.2	8.9
						11.0			

PSA
0706-HF135

Figure 11

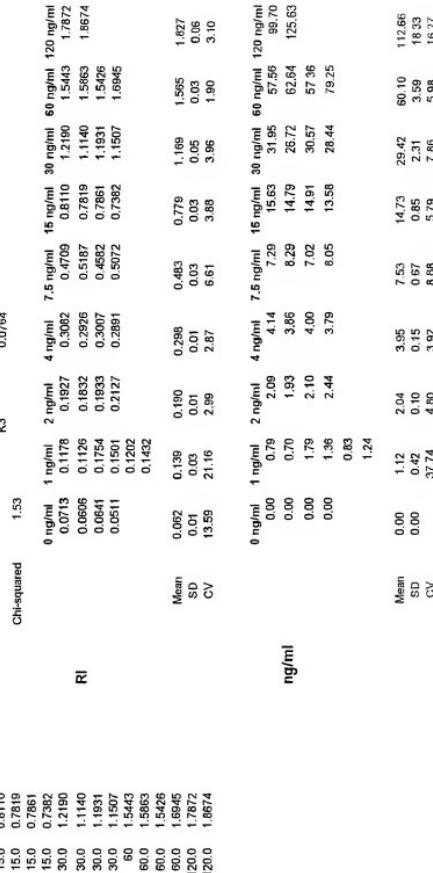
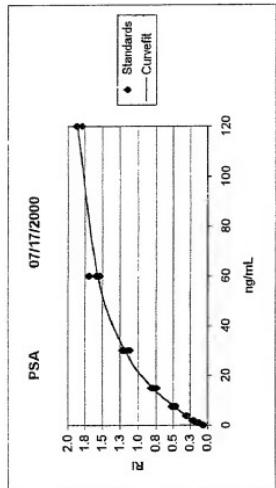


FIGURE 12

Comparison of ReLiA TSH Assay With Sample Added to Top and Bottom Ports Versus Sample Added to Bottom Port Only

Sample	Sample Added to Top					No Sample Added to Top				
	HCDR	Specimen DR	Specimen DR HCDR	TSH (uU/mL)		HCDR	Specimen DR	Specimen DR HCDR	TSH (uU/mL)	
S-25 Spiked	Mean	0.2499	0.0243	0.0973	1.9088	0.204	0.0249	0.1232	2.4425	
	SD	0.0154	0.017	0.0054	0.101	0.0369	0.007	0.0392	0.5276	
	CV	6.2%	7.0%	5.5%	5.3%	17.6%	2.9%	23.1%	21.6%	
S-42 Spiked	Mean	0.2566	0.069	0.3399	6.2871	0.2219	0.0395	0.4056	7.4928	
	SD	0.0199	0.0054	0.0275	0.4981	0.0249	0.0057	0.0281	0.5252	
	CV	7.8%	6.3%	8.1%	7.9%	11.2%	6.4%	6.9%	7.0%	
Pod A	Mean	0.2541	0.1369	0.5436	10.1692	0.2338	0.1394	0.6335	11.4118	
	SD	0.0312	0.0093	0.0497	1.0365	0.0362	0.0133	0.0575	1.4461	
	CV	12.3%	6.8%	9.2%	9.9%	15.9%	9.8%	11.2%	12.7%	
Pod B	Mean	0.2613	0.031	0.1186	2.308	0.2147	0.0269	0.1358	2.6254	
	SD	0.0164	0.0021	0.0082	0.1526	0.0269	0.0025	0.0128	0.2336	
	CV	6.3%	6.8%	6.9%	6.6%	13.4%	8.7%	9.4%	8.9%	

FIGURE 13

Reproducibility of the ReLIA TSH Assay With Sample added to Top and Bottom

TSH LEVEL	ReLIA Result in uIU/mL (N = 8 Replicates)		
Normal (Approx. 1 uIU/mL)	Mean	1.0712	
	SD	0.089	
	CV	8.3%	
Borderline Elevated (Approx. 5 uIU/mL)	Mean	6.2425	
	SD	0.551	
	CV	8.8%	
Elevated (Approx. 25 uIU/mL)	Mean	23.631	
	SD	1.658	
	CV	7.0%	

FIGURE 14

